

AMENDMENT:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

Claim Listing:

1. (currently amended) A calibration method used in an image-capture apparatus, said method comprising:

providing a changeable calibration chart not built in said image-capture apparatus;

capturing a plurality of information of said calibration chart by said image-capture apparatus;

and

subjecting said information of said calibration chart to a correction means to normalize a signal value corresponding to aberrant information whereby corrects aberrance of said information.

2. (previously presented) The method according to claim 1 further comprising:

assigning a plurality of corresponding calibration values to said information with a host computer; and

storing said corresponding calibration values for utilization of said image-capture apparatus.

3. (previously presented) The method according to claim 1, wherein said image-capture apparatus comprises a plurality of sensor elements aligned in a direction.

4. (previously presented) The method according to claim 3, wherein said calibration chart comprises a portion of a plurality of pixels aligned in said direction and another portion of said pixels aligned orthogonal to said direction.

5. (previously presented) The method according to claim 4, wherein all-said pixels are with a homogenous hue.
6. (previously presented) The method according to claim 4, wherein all said pixels are with different hues, are outputted combined with an object article.
7. (previously presented) The method according to claim 1, wherein said correction means comprises a low-pass filter.
8. (currently amended) A calibration method of improving an output performance of an article captured by a scanner, said method comprising:
 - providing a changeable calibration chart wherein ~~consists of~~ said changeable calibration chart comprises a portion of a plurality of pixels aligned in a direction and another portion of said pixels aligned orthogonal to said direction;
 - scanning said calibration chart for capturing a plurality of information of all said pixels; and
 - subjecting said information of all said pixels to a correction means to normalize a signal value corresponding to aberrant information whereby corrects aberration of a portion of ~~partial~~ said pixels.
9. (previously presented) The method according to claim 8, wherein said calibration chart comprises being not built in said scanner.
10. (previously presented) The method according to claim 8, wherein all said pixels are with a homogenous hue.
11. (previously presented) The method according to claim 8, wherein all said pixels are with different hues, whereby are outputted combined with said article.

12. (previously presented) The method according to claim 8, wherein said correction means comprises a low-pass filter.

13. (currently amended) The method according to claim 8, wherein said scanning step comprises scanning said calibration chart with a linear sensor array of said scanner wherein ~~consists of~~ said linear sensor array comprises a plurality of sensor elements aligned in said direction.

14. (currently amended) A method of capturing calibration information used in a scanner, said method comprising:

providing a changeable calibration chart ~~consisting of~~ comprising a plurality of pixels arranged in a two-dimensional array; ~~[[and]]~~

scanning all said pixels with a linear sensor array in said scanner, said linear sensor array ~~consisting of~~ comprising sensor elements aligned in a direction and moving orthogonal to said direction for building said calibration information of said calibration chart~~[[.]]~~; and

subjecting said calibration information to a correction means at least in part to normalize a signal value corresponding to aberrant information.

15. (currently amended) The method according to claim 14, wherein said correction means comprises further comprising subjecting said calibration information to a low-pass filter at least in part to correct aberration of a portion of said pixels ~~whereby corrects aberration of partial said pixels.~~

16. (previously presented) The method according to claim 14 further comprising assigning a plurality of calibration values to said calibration information with a computer connected with said scanner.

17. (previously presented) The method according to claim 14, wherein all said pixels comprise being with a homogenous hue.

18. (previously presented) The method according to claim 14, wherein all said pixels comprise being with different hues, whereby are outputted combined with a scanned article.